

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE
(REV. 3-83) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
20944.4000

SERIAL NO.
09/164,504

**INFORMATION DISCLOSURE
CITATION**

APPLICANTS
Michael S. Kappes

FILING DATE
September 30, 1998

GROUP ART UNIT
2731

(Use several sheets if necessary)

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE

RECEIVED
APR 02 1999
Group 2700

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

TN TN TN	A	Line Driver Design for Broadband Communications Applications, Electronic Design, September 2, 1998, pp. 46-64
	B	Digital Signal Processing in Telecommunications, Cole, et al., Chapman and Hall, 1993, Ch. 6, pp. 161-177, Ch. 7, 191-195
	C	Simulation Techniques and Standards Development for Digital Subscriber Line Systems, Macmillan Technical Publishing, 1998, pp. 215-231, 296-297

EXAMINER

Toan D. Nguyen

DATE CONSIDERED

5/15/02

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.